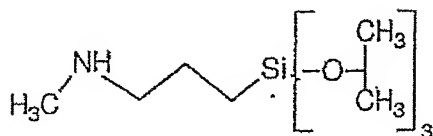
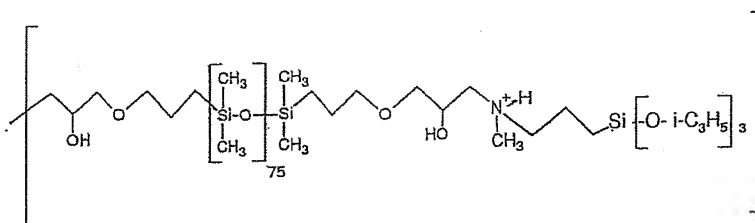
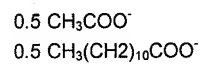
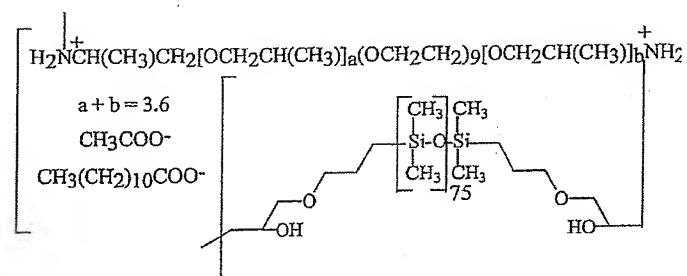
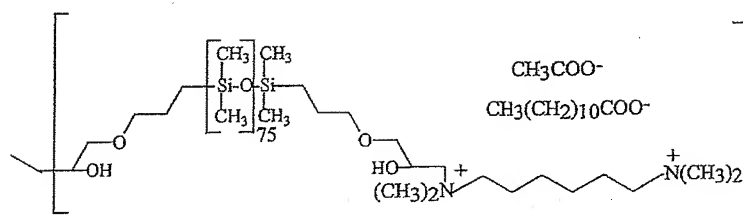


are dissolved in 100 ml of isopropanol in a 500 ml three-neck flask. 1.61 g (active
content 59.5%, 3.45 mmol of NHCH_3 groups) of an isopropanolic solution of an
5 aminosilane of the structure

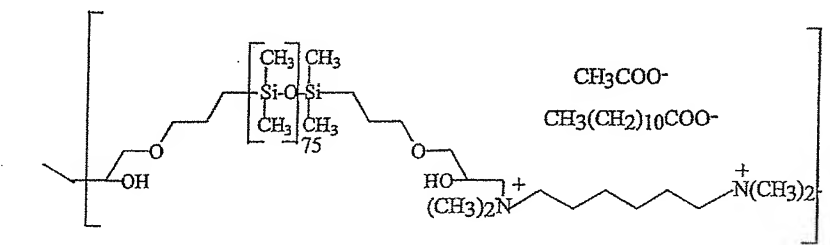


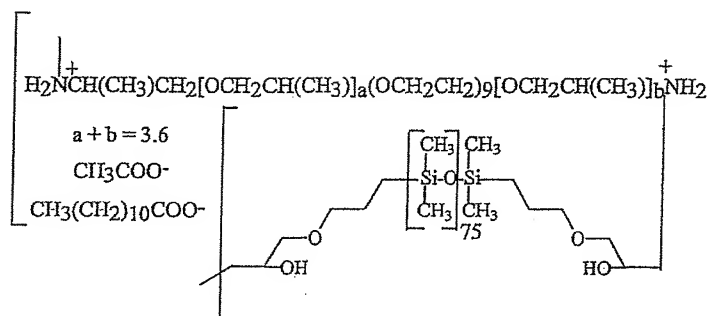
are added dropwise, and the mixture is subsequently heated to 80°C for 8 hours.
10 Subsequently, solution 2a) is added dropwise in its entirety and the overall mixture is
heated to $82\text{--}84^\circ\text{C}$ for 10 hours. 204.7 g of a clear solution (solids content 51.3%) are
obtained, which contains a polymer with the structural units



Example 3

- 5 **[0086]** In analogy to Example 1 and 2, a polymer with active content 82.7% is synthesized in solution, and does not contain the inventive reactive groups (I) and (II) but has structural elements including the following:



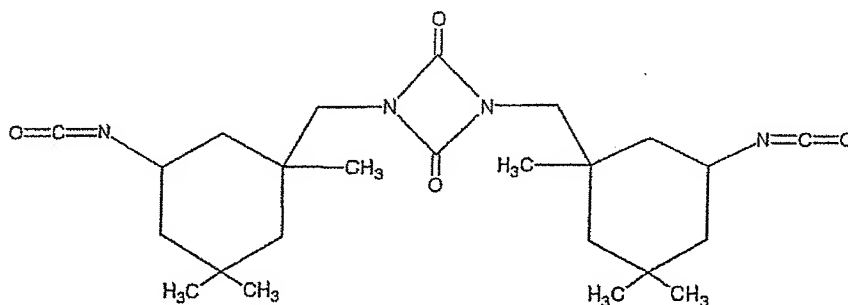


contains.

Example 4

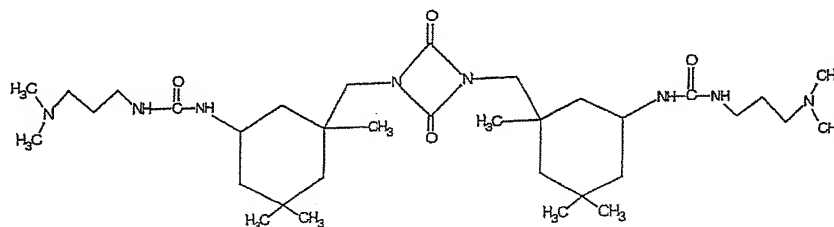
5

[0087] 4a) In a 500 ml three-neck flask, 1.76 g (17.26 mmol) of N,N-dimethyl-1,3-propanediamine are dissolved at room temperature in 50 ml of isopropanol. Subsequently, 4.53 g (NCO content 16%; 17.26 mmol of -NCO) of the isophorone diisocyanate dimer of the structure



10

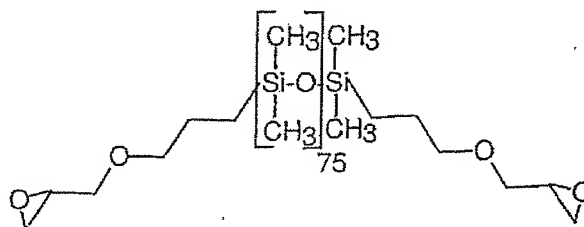
are added dropwise within a few minutes at such a rate that a clear solution is always retained. On completion of the dropwise addition, the solution is heated to 60°C for 1 hour. A ditertiary amine of the structure



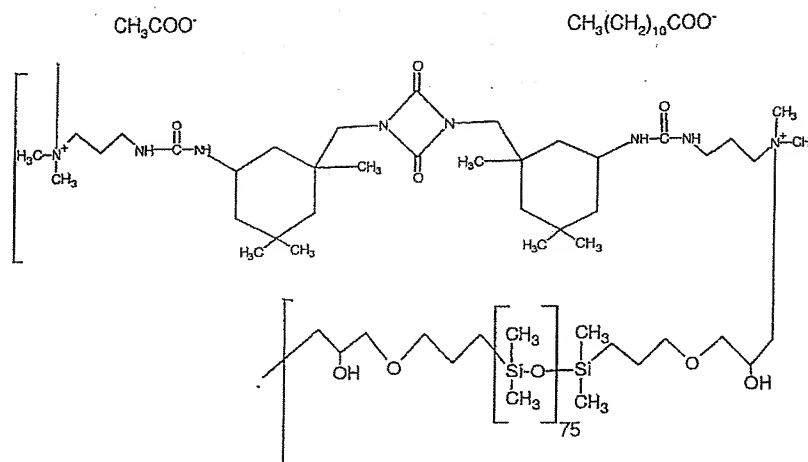
15 is formed.

[0088] 4b) 6 g of deionized water and 3.45 g (17.26 mmol) of dodecanoic acid are added to solution 1a) and the mixture is stirred for 5 minutes.

5 [0089] 4c) 50 g (17.26 mmol of epoxide groups) of a diepoxide of the structure



are initially charged in a three-neck flask. Subsequently, the mixture 1b) is added dropwise in its entirety with stirring. On completion of addition, the overall mixture is heated to 80-82°C for 11 hours. After 6 hours of reaction time, the initially opaque solution becomes clear. 99 g of a light yellow, clear solution are obtained (solids content 56.5%), which contains a polymer having structural units including



15

Example 5

[0090] Starting from the quaternary polysiloxanes according to Examples 1 to 3, three microemulsion concentrates of the following composition were prepared: